

Title (en)
SUPRACONDUCTIVE CABLE AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
SUPRALEITENDES KABEL UND VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)
CABLE SUPRACONDUCTEUR ET SON PROCEDE DE PRODUCTION

Publication
EP 1738376 B1 20101027 (DE)

Application
EP 05739762 A 20050425

Priority
• EP 2005004420 W 20050422
• EP 04009730 A 20040423
• EP 05739762 A 20050425

Abstract (en)
[origin: EP1589542A1] The hollow cable (1) outer insulated sheath (2) is cylindrical with an inner surface (3) against which multiple superconducting wires (5) are arranged to form a central cooling duct (4). The wires may be keystone shaped to lock together or otherwise profiled.

IPC 8 full level
H01B 12/12 (2006.01); **H01B 12/10** (2006.01); **H10N 60/01** (2023.01)

CPC (source: EP NO US)
H01B 12/10 (2013.01 - EP NO US); **H01B 12/12** (2013.01 - EP NO US); **Y02E 40/60** (2013.01 - EP US); **Y10T 29/49014** (2015.01 - EP US)

Cited by
CN103531305A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
YU

DOCDB simple family (publication)
EP 1589542 A1 20051026; AT E486352 T1 20101115; CA 2563501 A1 20051103; CA 2563501 C 20130625; CN 1947207 A 20070411; CN 1947207 B 20120905; DE 502005010442 D1 20101209; DK 1738376 T3 20110214; EP 1738376 A1 20070103; EP 1738376 B1 20101027; EP 1738376 B8 20110511; ES 2356611 T3 20110411; HK 1102062 A1 20071102; JP 2008506221 A 20080228; JP 4874235 B2 20120215; NO 20065373 L 20070122; NO 337384 B1 20160404; RU 2006141296 A 20080610; RU 2363999 C2 20090810; US 2007227760 A1 20071004; US 7985925 B2 20110726; WO 2005104143 A1 20051103

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